

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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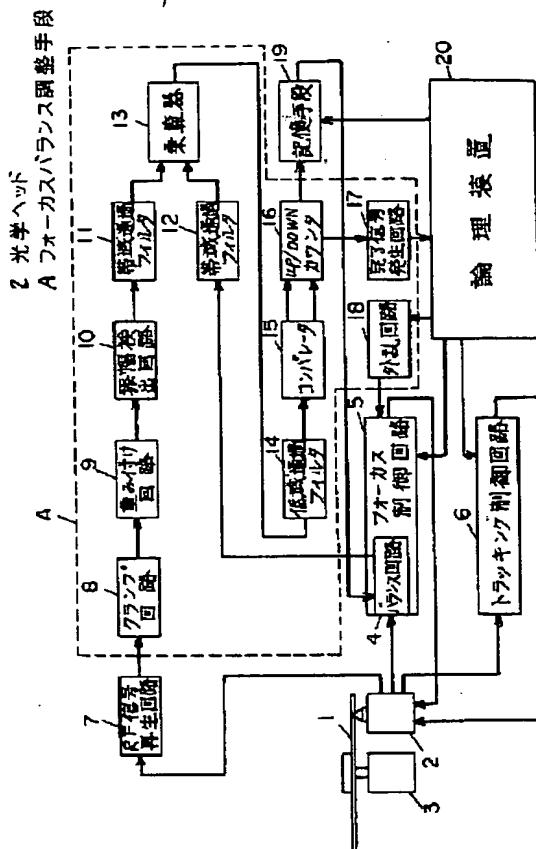
APPLICATION DATE : 29-11-91  
APPLICATION NUMBER : 03315722

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : TAMAOKA SHUJI;

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**TITLE : FOCUS CONTROL DEVICE**



**ABSTRACT :** PURPOSE: To provide a focus control device which automatically and optimally adjusts a focus balance.

CONSTITUTION: The device consists of an optical head 2, a focus controlling circuit 5, a balance circuit 4 which is included in the focus controlling circuit 5, an RF signal reproducing circuit 7 which reproduces the signals contained in a recording medium, a focus balance adjustment means A which contains an external disturbing circuit 18 that adds an external disturbance to the focus controlling circuit 5 and an amplitude detecting circuit 10 which detects the output amplitude of the RF signal reproducing device 7, a storage means 19 and a logic device 20 which controls the external disturbing circuit 18 and the storage means 19 and an adjustment value is stored after the completion of an adjustment. A semifixed resistance is eliminated resulting in no need for an adjustment during a production process and an optimum adjustment is provided for respective disks.

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